

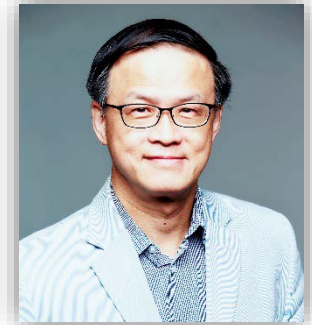
Metallic Glasses and Thin Film

Jinn P. Chu

Distinguished Professor
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Education

Ph.D., Materials Sci. & Eng., Univ. of Illinois at Urbana-Champaign, USA, 1992

Experience

2018/02~2021/01 *Vice-President*, NTUST
2016/11~now MRS-Taiwan, *Fellow*; Vice President (2020-21)
2013/02~2018/07 Office of Research and Development, *Vice Dean, Dean*, NTUST
2011/01~ now *Thin Solid Films*, Editorial Board member
2014/01~now TACT, *Honorable President*
1993/08~2007/07 Institute of Materials Eng., *Professor, Chair*, NTOU

Honors

MOST Outstanding Research Award, 2021
Tong Ho Steel Foundation Award, 2019
American Chemical Society Award, 2018 nanotech, Tokyo, Japan, 2018
The 8th Y. Z. Hsu Technology Invention Award, Taiwan, 2018
Concours Lépine International Paris, 2018
The 14th, 19th National Innovation Award (Taiwan), 2017, 2019

Research Interests

Metallic Glasses and Thin Films, Vacuum Deposition, Materials Characterizations

Present Works

The application of thin-film metallic glass (abbreviated as TMG®) to medical devices and other industrial components has been initiated and promoted by Dr. Jinn P. Chu, who is a primary inventor of many TMG®-related patents in Taiwan, USA and other territories. Dr. Chu is currently serving as a PI in the state-funded 5-year Applied Research Center for Thin-Film Metallic Glass program, which is focused on establishing a nation-wide community dedicated to the application of TMG®.

Metallic glass coating
- High strength
- Low friction
- Non-stick

Metallic Nanotube Array

